

FIG. 1A
FIG. 1B
FIG. 1C

45
15

1 ATG AAC ACC ACA GTG ATG CAA GGC TTC AAC AGA TCT GAG CGG TGC
1 M N T V M Q G F N R S E R C

90
30

46 CCC AGA GAC ACT CGG ATA GTA CAG CTG GTA TTC CCA GCC CTC TAC
16 P R D T R I V Q L V F P A L Y

FIG. 1

135
45

91 ACA GTG GTT TTC TTG ACC GGC ATC CTG CTG AAT ACT TTG GCT CTG
31 T V V F L T G I L L N T L A L

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180
60

136 TGG GTG TTT GTT CAC ATC CCC AGC TCC TCC ACC TTC ATC ATC TAC
46 W V F V H I P S S S T F I I Y

225
75

181 CTC AAA AAC ACT TTG GTG GCC GAC TTG ATA ATG ACA CTC ATG CTT
61 L K N T L V A D L I M T L M L

270
90

226 CCT TTC AAA ATC CTC TCT GAC TCA CAC CTG GCA CCC TGG CAG CTC
76 P F K I L S D S H L A P W Q L

315
105

271 AGA GCT TTT GTG TGT CGT TTT TCT TCG GTG ATA TTT TAT GAG ACC
91 R A F V C R F S S V I F Y E T

FIG. 1A

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316	ATG	TAT	GTG	GGC	ATC	GTG	CTG	TTA	GGG	CTC	ATA	GCC	TTT	GAC	AGA	360
106	M	Y	V	G	I	V	L	L	G	L	I	A	F	D	R	120
III																
361	TTC	CTC	AAG	ATC	ATC	AGA	CCT	TTG	AGA	AAT	ATT	TTT	CTA	AAA	AAA	405
121	F	L	K	I	I	R	P	L	R	N	I	F	L	K	K	135
406	CCT	GTT	TTT	GCA	AAA	ACG	GTC	TCA	ATC	TTC	ATC	TGG	TTC	TTT	TTG	450
136	P	V	F	A	K	T	V	S	I	F	I	W	F	F	L	150
IV																
451	TTC	TTC	ATC	TCC	CTG	CCA	AAT	ATG	ATC	TTG	AGC	AAC	AAG	GAA	GCA	495
151	F	F	I	S	L	P	N	M	I	L	S	N	K	E	A	165
496	ACA	CCA	TCG	TCT	GTG	AAA	AAG	TGT	GCT	TCC	TTA	AAG	GGG	CCT	CTG	540
166	T	P	S	S	V	K	K	C	A	S	L	K	G	P	L	180
541	GGG	CTG	AAA	TGG	CAT	CAA	ATG	GTA	AAT	AAC	ATA	TGC	CAG	TTT	ATT	585
181	G	L	K	W	H	Q	M	V	N	N	I	C	Q	F	I	195
586	TTC	TGG	ACT	GTT	TTT	ATC	CTA	ATG	CTT	GTG	TTT	TAT	GTG	GTT	ATT	630
196	F	W	T	V	F	I	L	M	L	V	F	Y	V	V	I	210
V																
631	GCA	AAA	AAA	GTA	TAT	GAT	TCT	TAT	AGA	AAG	TCC	AAA	AGT	AAG	GAC	675
211	A	K	K	V	Y	D	S	Y	R	K	S	K	S	K	D	225

FIG. 1B

676	AGA	AAA	AAC	AAA	AAG	CTG	GAA	GGC	AAA	GTA	TTT	GTT	GTC	GTG	720
226	R	K	N	N	K	L	E	G	K	V	F	V	V	V	240
721	GCT	GTC	TTC	TTT	GTG	TGT	TTT	GCT	CCA	TTT	CAT	TTT	GCC	AGA	765
241	A	V	F	F	V	C	F	A	P	F	H	F	A	R	255
VI															
766	CCA	TAT	ACT	CAC	AGT	CAA	ACC	AAC	AAT	AAG	ACT	GAC	TGT	AGA	810
256	P	Y	T	H	S	Q	T	N	N	K	T	D	C	R	270
811	CAA	AAT	CAA	CTG	TTT	ATT	GCT	AAA	GAA	ACA	ACT	CTC	TTT	TTG	855
271	Q	N	Q	L	F	I	A	K	E	T	T	L	F	L	285
856	GCA	ACT	AAC	ATT	TGT	ATG	GAT	CCC	TTA	ATA	TAC	ATA	TTC	TTA	900
286	A	T	N	I	C	M	D	P	L	I	Y	I	F	L	300
VII															
901	AAA	AAA	TTC	ACA	GAA	AAG	CTA	CCA	TGT	ATG	CAA	GGG	AGA	AAG	945
301	K	K	F	T	E	K	L	P	C	M	Q	G	R	K	315
946	ACA	GCA	TCA	AGC	CAA	GAA	AAT	CAT	AGC	AGT	CAG	ACA	GAC	AAC	990
316	T	A	S	S	Q	E	N	H	S	S	Q	T	D	N	330
991	ACC	TTA	GGC	TGA											1002
331	T	L	G	*											334

FIG. 1C

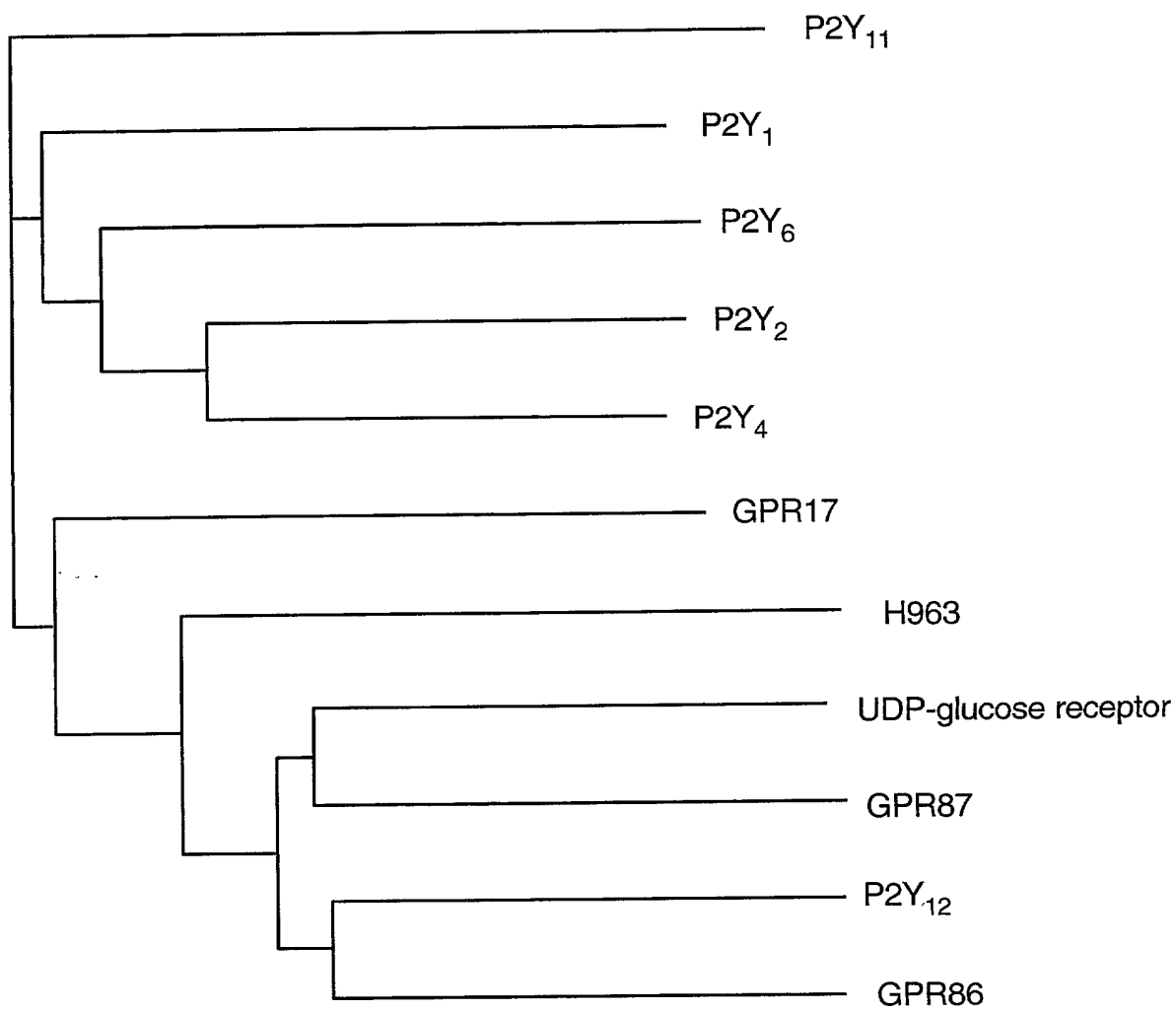
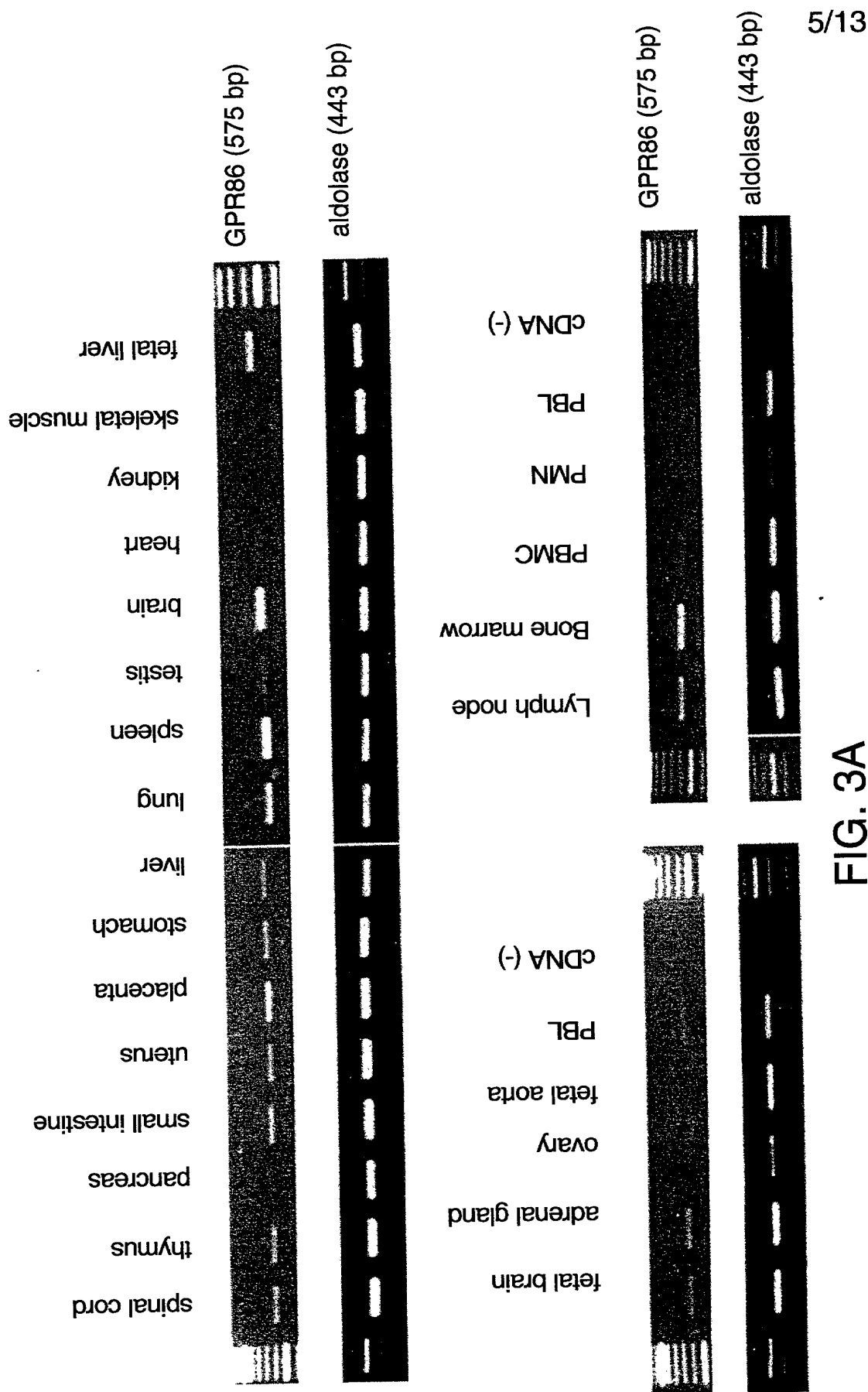


FIG. 2



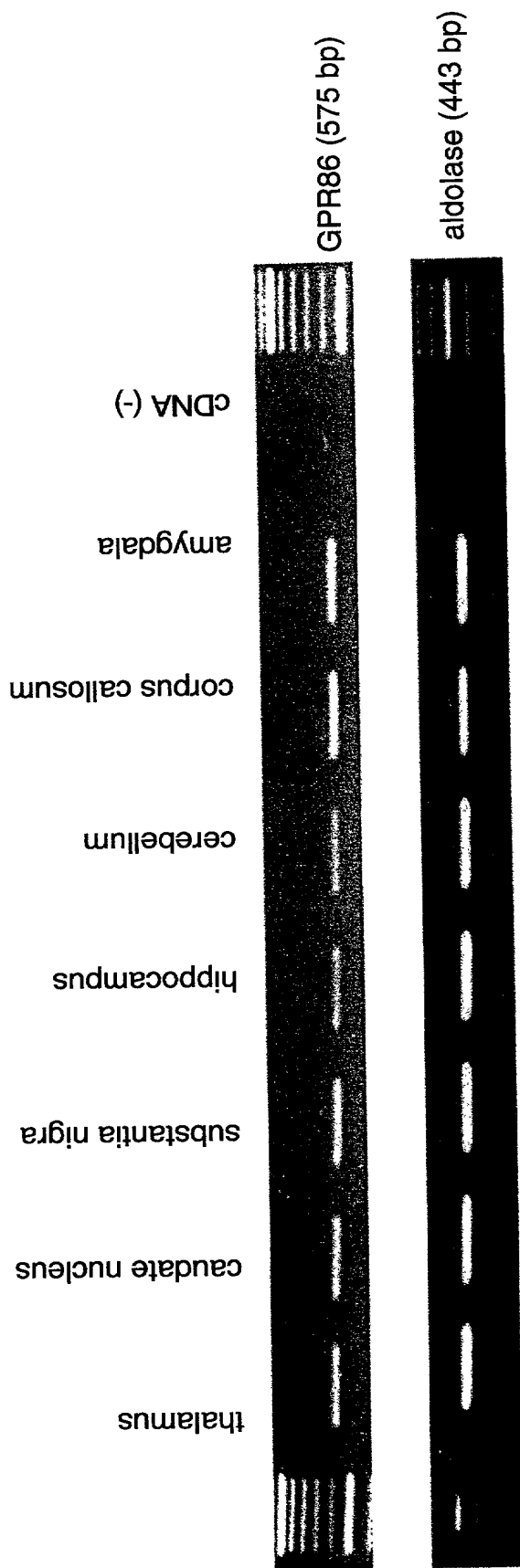


FIG. 3B

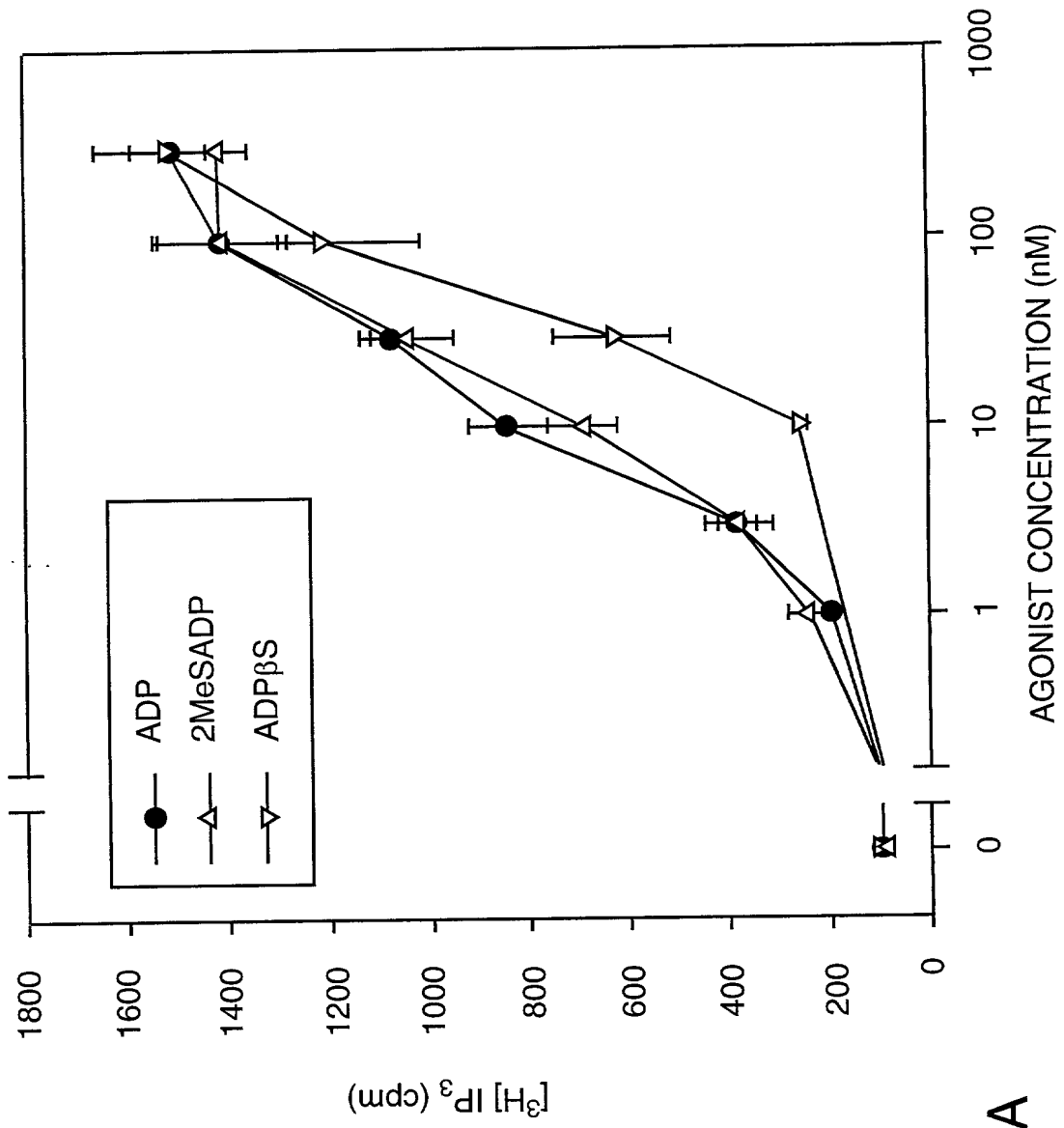


FIG. 4A

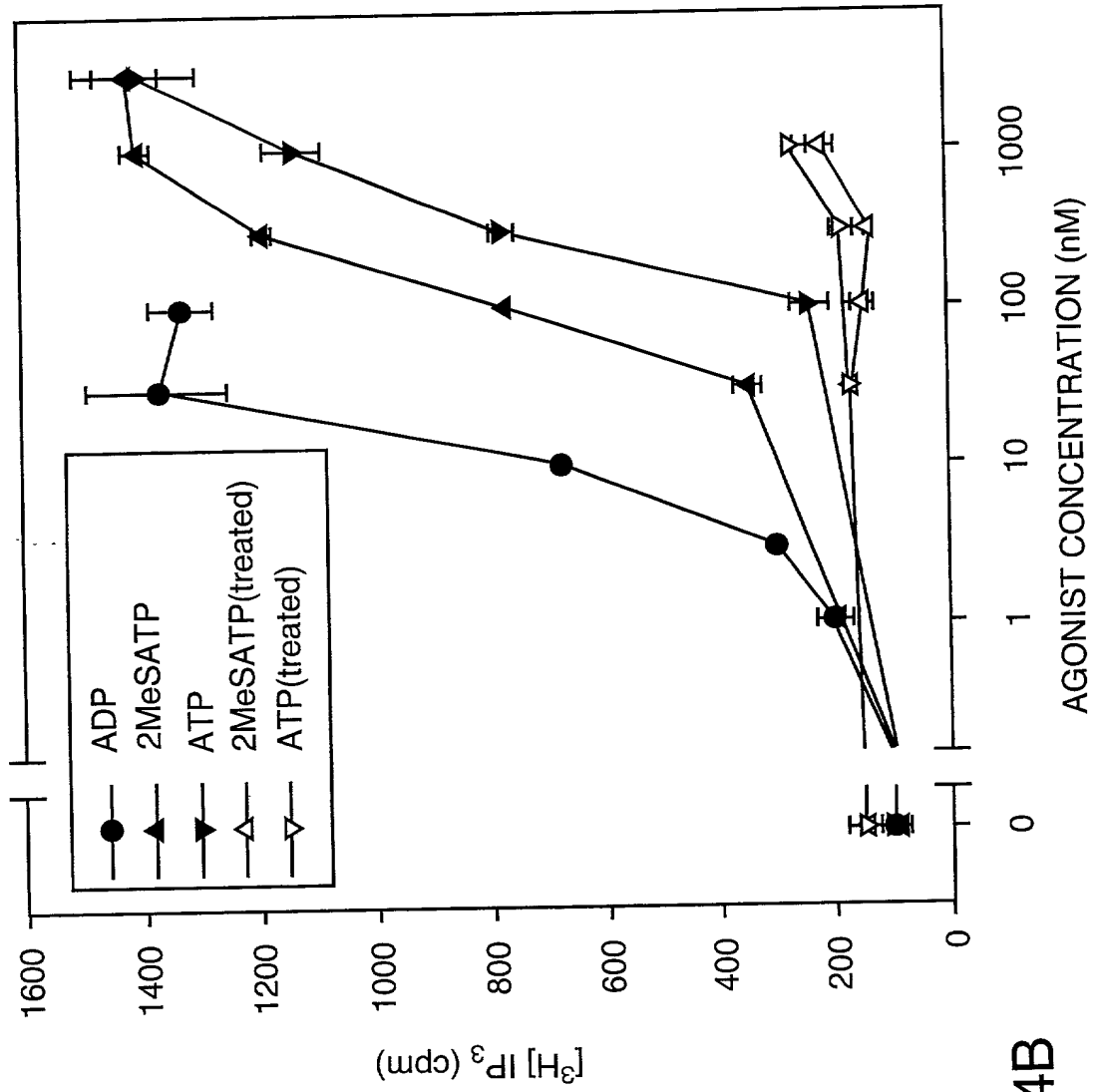


FIG. 4B

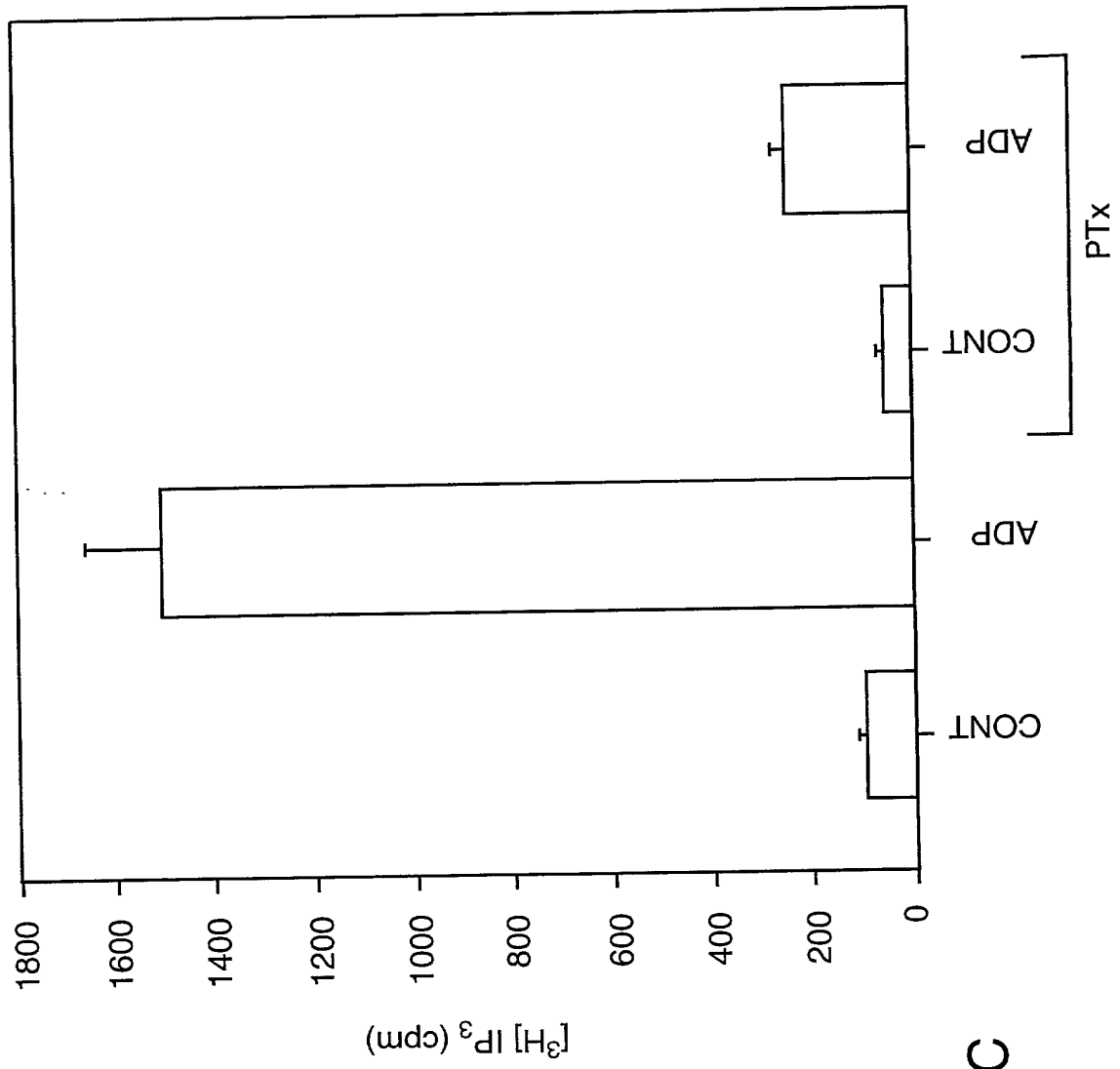


FIG. 4C

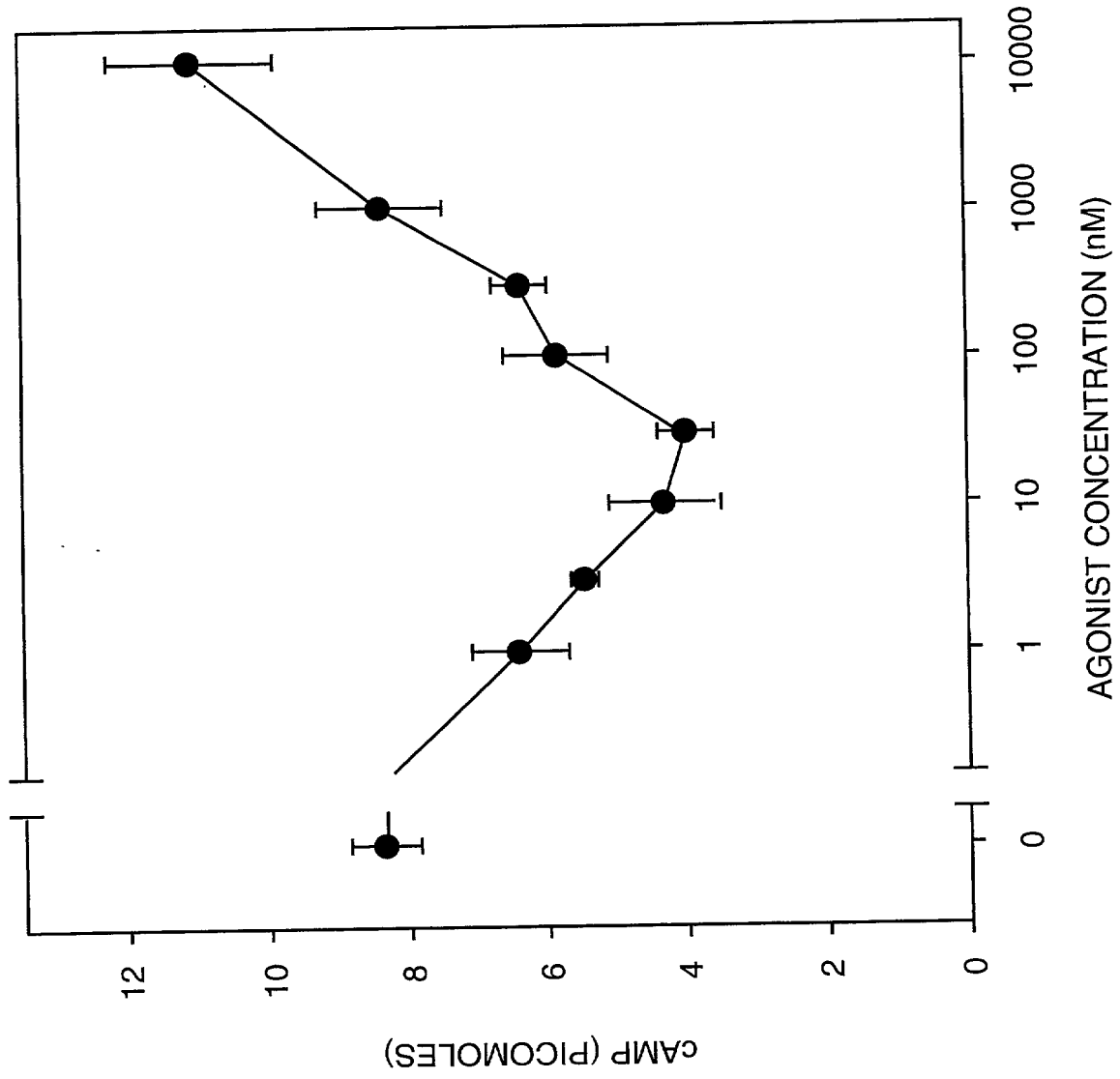


FIG. 5A

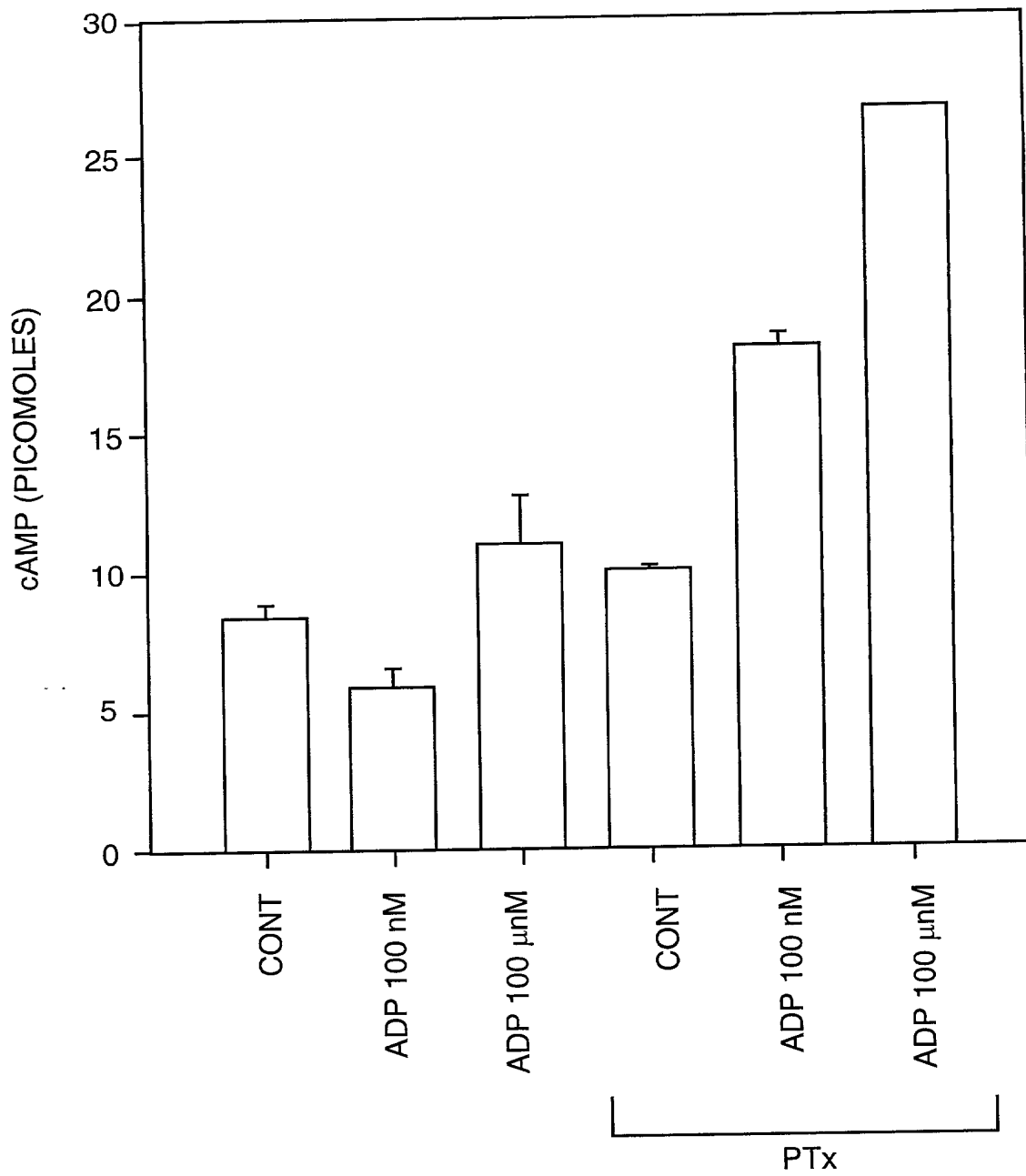


FIG. 5B

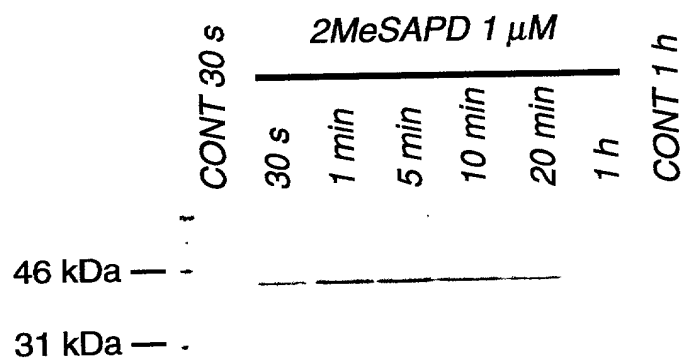
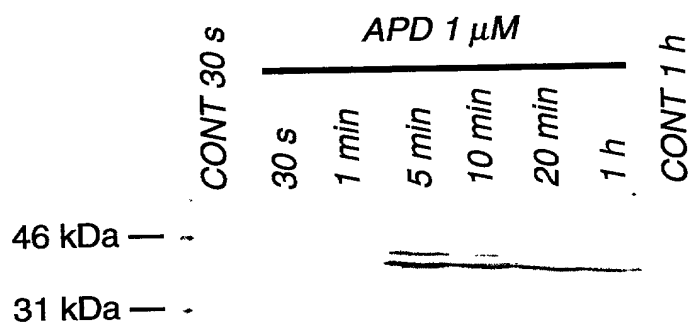


FIG. 6A

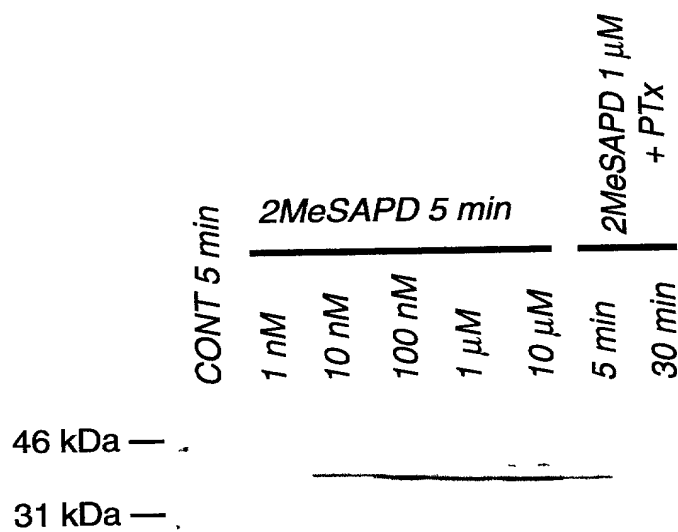
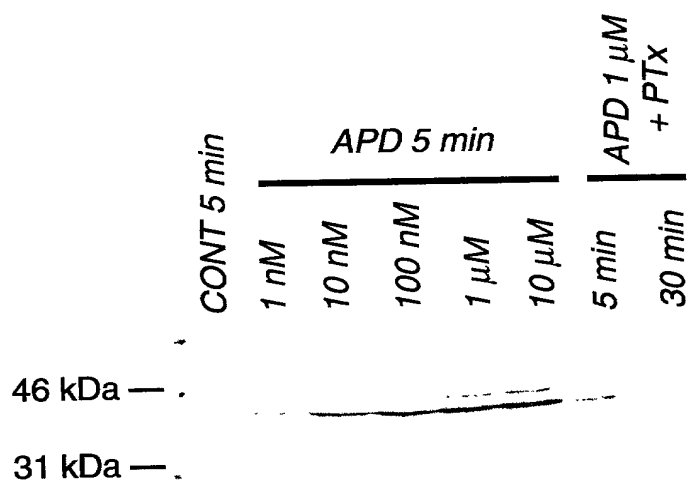


FIG. 6B

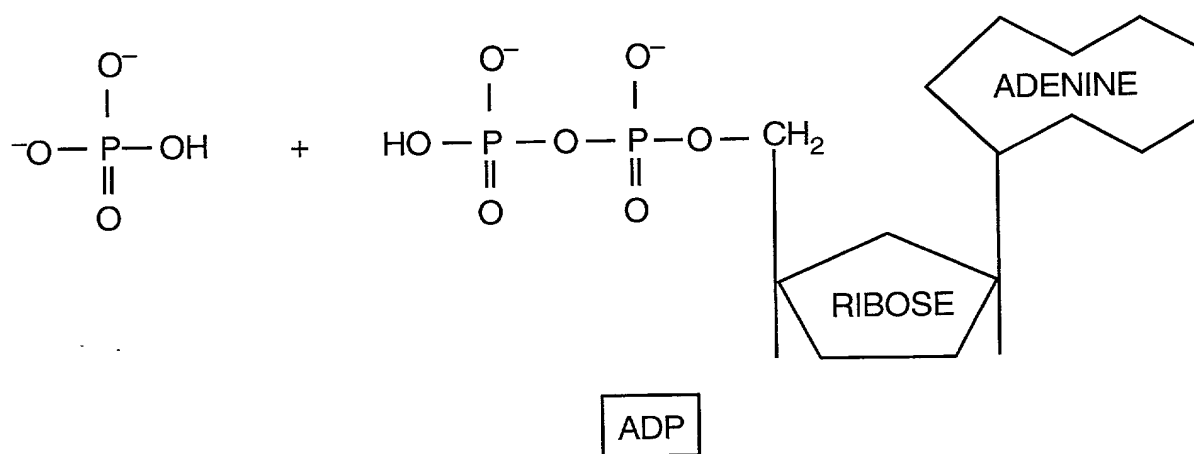


FIG. 7